

03040203-14

(*Lumber River*)

General Description

The South Carolina portion of 03040203-14 (formerly 03040203-180,200) is located in Dillon, Marion, and Horry Counties and consists primarily of the *Lumber River* and its tributaries from the South Carolina/North Carolina state line to its confluence with the Little Pee Dee River. The watershed occupies 66,605 acres of the Lower Coastal Plain and Coastal Zone regions of South Carolina. Land use/land cover in the watershed includes: 39.4% agricultural land, 38.9% forested wetland, 15.5% forested land, 4.2% urban land, 1.1% scrub/shrub land, 0.6% nonforested wetland, and 0.3% water.

The Lumber River originates in North Carolina and accepts drainage within South Carolina from the Ashpole Swamp Watershed, Jordan Creek (Feathery Bay, Granger Pond, Gapway Swamp, Hook Branch), and Boggy Branch (Pew Branch). There are a total of 101.4 stream miles and 70.5 acres of lake waters, all classified FW.

Surface Water Quality

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
PD-038	P/INT	FW	LUMBER RIVER AT US 76 AT NICHOLS

Lumber River (PD-038) – Aquatic life and recreational uses are fully supported; however, there is a significant decreasing trend in dissolved oxygen concentration and a significant increasing trend in total phosphorus concentration. This is a blackwater system, characterized by naturally low pH conditions. Although pH excursions occurred, they were typical of values seen in blackwater systems and were considered natural, not standards violations. There is a significant increasing trend in pH. Significant decreasing trends in five-day biological oxygen demand, total nitrogen concentration, and fecal coliform bacteria concentration suggest improving conditions for these parameters.

A fish consumption advisory has been issued by the Department for mercury and includes the Lumber River within this watershed (see advisory p.130).

NPDES Program

Active NPDES Facilities

RECEIVING STREAM

FACILITY NAME

PERMITTED FLOW @ PIPE (MGD)

LUMBER RIVER
TOWN OF NICHOLS WWTF
PIPE #: 001 FLOW: 0.135

LUMBER RIVER
HERRINGTON CONSTRUCTION/HERRINGTON #1
PIPE #: 001 FLOW: M/R

NPDES#

TYPE

COMMENT

SC0041327
MINOR DOMESTIC

SCG730530
MINOR INDUSTRIAL

BOGGY BRANCH
JAY & J CONSTRUCTION/HWY 76 & 9 PIT
PIPE #: 001 FLOW: M/R

SCG730644
MINOR INDUSTRIAL

Nonpoint Source Management Program

Mining Activities

MINING COMPANY
MINE NAME

PERMIT #
MINERAL

HERRINGTON CONSTRUCTION CO., INC.
HERRINGTON MINE #1

1185-67
SAND/CLAY

Water Quantity

Portions of this watershed fall within the Waccamaw Capacity Use Area and large groundwater uses must be reported (see Capacity Use Program p.27).

Growth Potential

There is a low potential for growth in this watershed, which contains the Town of Nichols. An extensive rural water system serves the majority of the watershed, but sewer services are limited to the Town of Nichols. U.S. Hwy. 76 crosses the watershed (through the Town of Nichols), but it is a two-lane road with no plans for improvement. A railway line crosses the watershed, but there are no industrial areas located in this region.